Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 24 Aug 2022 until 23:59 on Thursday 25 Aug 2022

Forecast Issued on Tuesday 23 Aug 2022 at 14:10

Confidence: High for the unsettled theme, but low for precipitation details.

Headline for Wednesday 24 Aug 2022: Cloudy with outbreaks of rain, heavy at times.

Mountain weather hazards on Wednesday 24 Aug 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Light rain	Light rain	Light rain	Light rain	Light rain	Light rain
Precipitation probability							
10%	40%	50%	50%	70%	60%	30%	30%

Forecast for Wednesday 24 Aug 2022

Weather: Cloud thickening and lowering during the early hours, with rain likely starting before dawn, perhaps heavy at times. Periods of rain and low cloud will continue through the rest of the day, with a risk of heavier bursts throughout. The rain may come in pulses, with some temporary drier intervals and cloud breaks briefly possible in between.

Chance of cloud-free hill tops above 600m: 70% at first, reducing to 30% during the early hours.

Low cloud and visibility: Very poor visibility in periods of low cloud covering the hills, with bases down to 300-400m at times, perhaps lifting near the summits in any drier spells. Moderate to poor in rain, otherwise good away from rain and low cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 24 Aug 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 S	18/25 S	19/27 S	16/22 SW	14/19 SW	10/14 W	9/13 SW	9/13 W	7/10 W
300	7/13 S	12/19 S	14/23 S	12/18 SW	10/15 SW	7/12 SW	6/10 SW	6/9 W	5/8 W
Valley	3/12 SE	6/17 S	9/23 S	9/17 SW	7/14 SW	4/9 W	3/8 SW	4/9 W	4/8 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/13	15/12	15/12	15/13	16/14	15/14	15/14	14/12	12/10
300	17/16	16/15	17/15	17/16	18/17	18/17	17/17	16/15	14/14
Valley	17/17	17/16	17/16	18/17	18/18	18/18	17/18	16/16	14/14
Freezing Level*	3500m	3600m	3500m	3400m	3200m	3400m	3300m	3000m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Rain is likely to continue off and on for much of the day. Whilst there may be some drier intervals, these will probably be short lived. There may be some cloud breaks in the drier spells, allowing a risk of moderate UV levels as well.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 23 Aug 2022	9.2mm	10mm	10.6mm

Forecast for Thursday 25 Aug 2022

Weather: Rain easing and clearing during the early hours, with cloud starting to lift and break just after dawn. Then a largely dry day in prospect with sunny spells.

Maximum wind: Northwesterly 10 mph, gusting 20 mph.

Chance of cloud-free hill tops above 600m: 30% at first, becoming 100% during the morning.

Low cloud and visibility: Very poor visibility at first in periods of low cloud covering the hills, with bases down to 300-400m at times. Moderate to poor in rain. Visibility becoming mostly good during the morning as the rain clears and cloud lifts and breaks.

Temperature: **Valleys:** Plus 12C becoming plus 20C
At 600m: Plus 12C
Freezing level: Above the hills

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